

```

    |  ||-@=!-|L=! Hello world

C:\>ml 22i-1552.asm
Microsoft (R) Macro Assembler Version 6.11
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Assembling: 22i-1552.asm

Microsoft (R) Segmented Executable Linker Version 5.31.009 Jul 13 1992
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Object Modules [.obj]: 22i-1552.obj/t
Run File [22i-1552.com]: "22i-1552.com"
List File [nul.map]: NUL
Libraries [.lib]:
Definitions File [nul.def]:

C:\>22i-1552.exe

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```

```

.model tiny          ; MASM's support for COM files
.dosseg              ; Make sure you are using dos segment CODE, DATA + STACK

; *****
; Our data section. Here we declare our strings for our console message
; *****
.data
    strMessage DB "Hello world", 0Dh, 0Ah, '$'

; *****
; Our executable assembly code starts here in the .code section
; *****
.code

.startup
; *****
; Prepare our message to the console
; *****
    mov     ah, 09h                ; Write string to
standard output
    mov     dx, offset strMessage
    int     21h                    ; Call DOS interrupt 21h

; *****
; Get ready to exit and return control back to DOS
; *****
    mov     ah, 4Ch                ; Exit with return code (AL = return
code)
    int     21h                    ; Call DOS interrupt 21h
end

```

1- mount c c:\masm615/bin

2- C:

3- masm prog.asm

4- link prog.obj

5- prog.exe

6- DIR

7- DIR aaa.asm /S /P

8- ml test.asm

9- test.exe

1. It mounts the folder.
 2. It takes us to the relevant directory.
 3. It pre-processes the code and converts it to binary.
 4. Creates the obj to .exe file and links with dos box.
 5. This runs the file.
8. For interacting with the metric-based machine learning system
9. Runs the file in dos box.